

Fig. 1

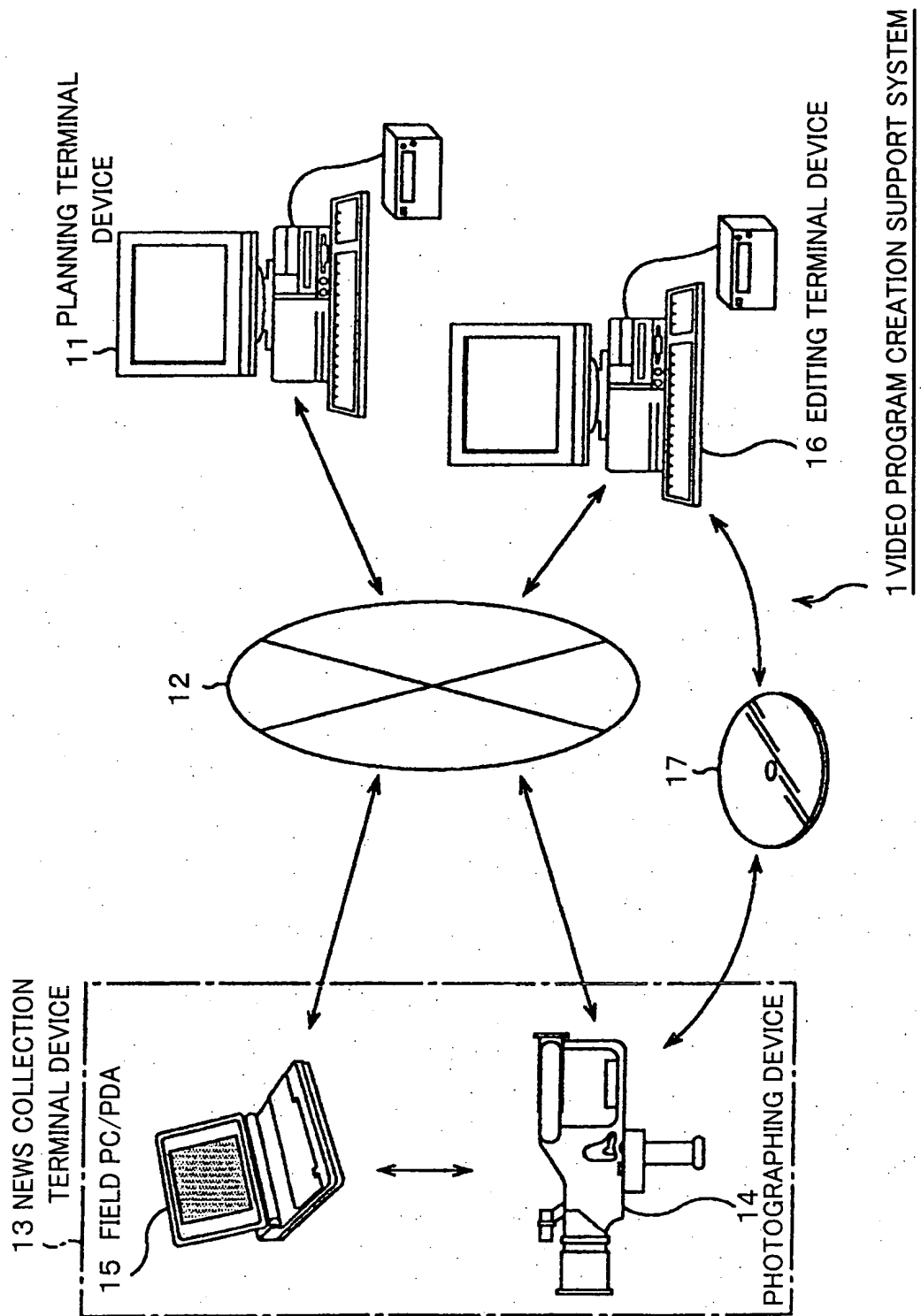


Fig. 2

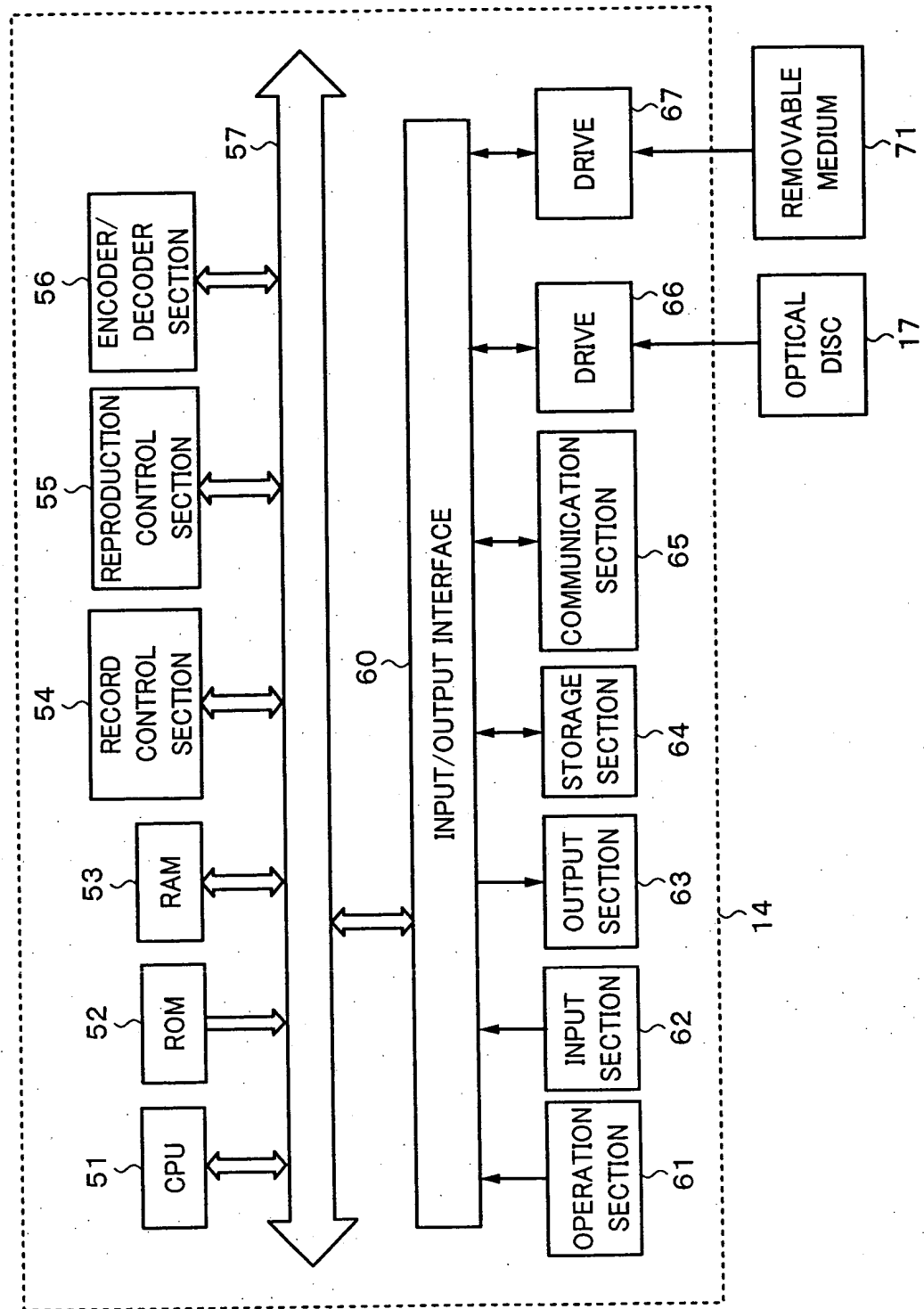


Fig. 3

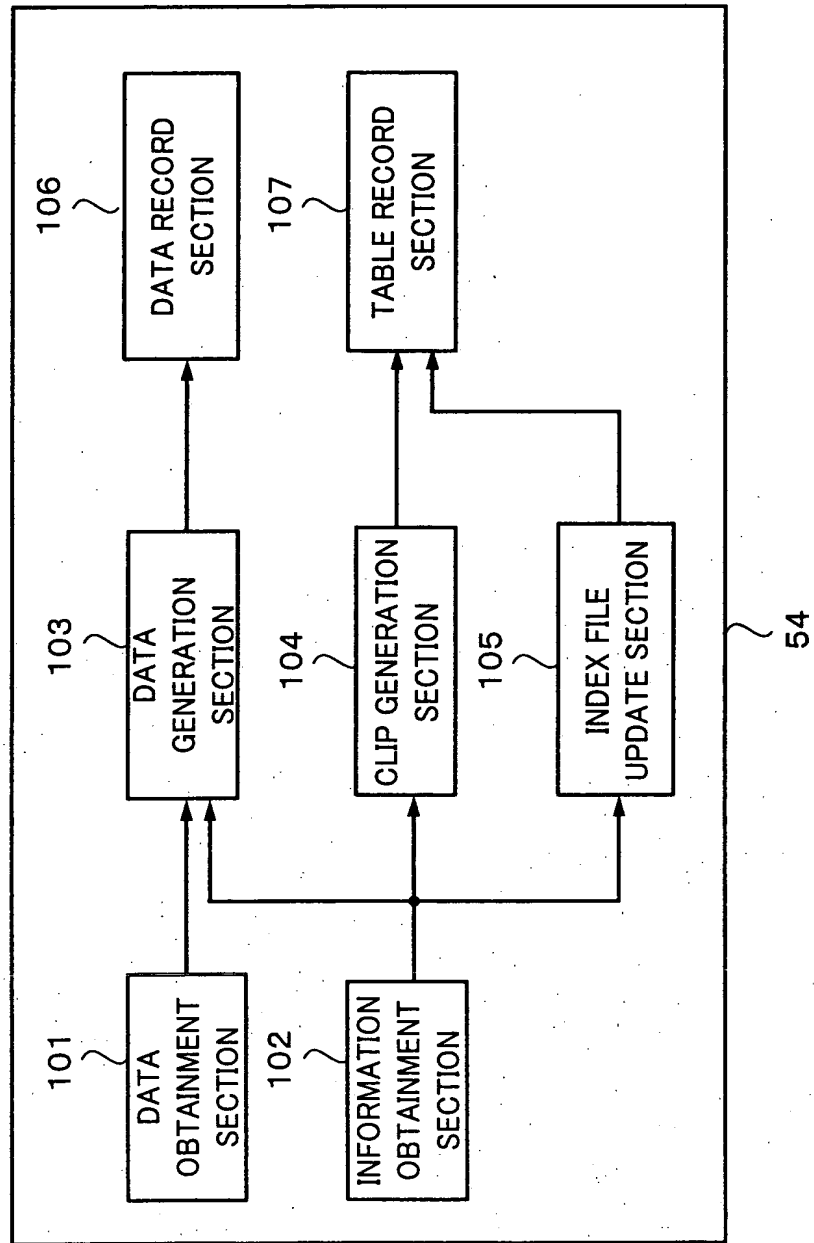


Fig. 4

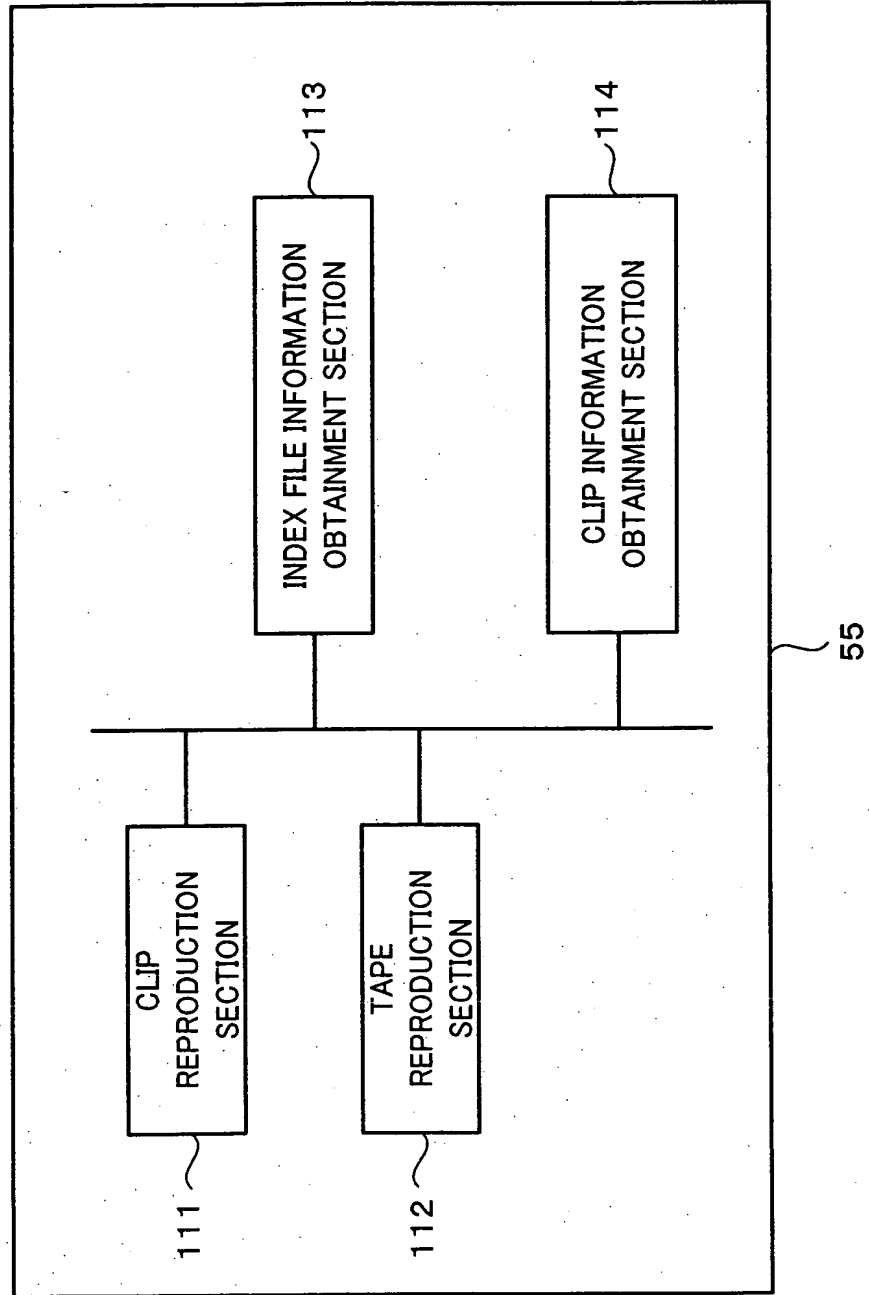


Fig. 5

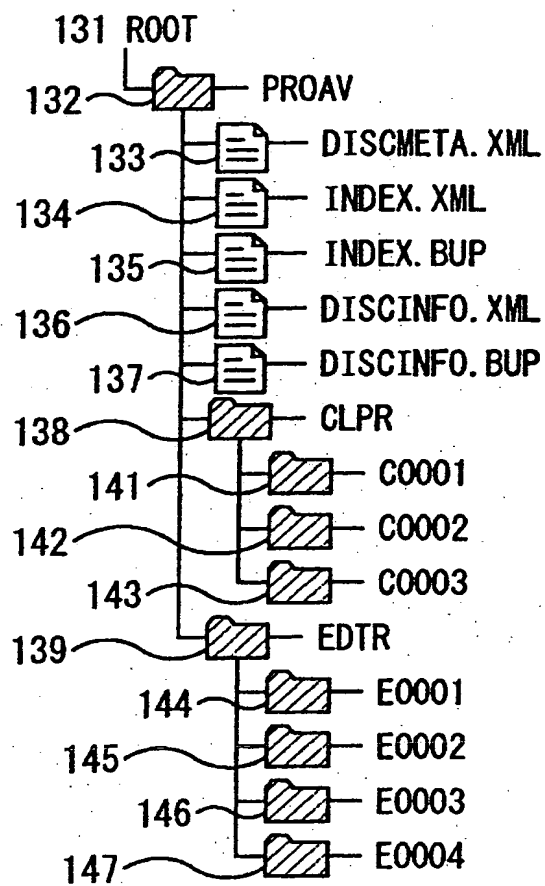


Fig. 6

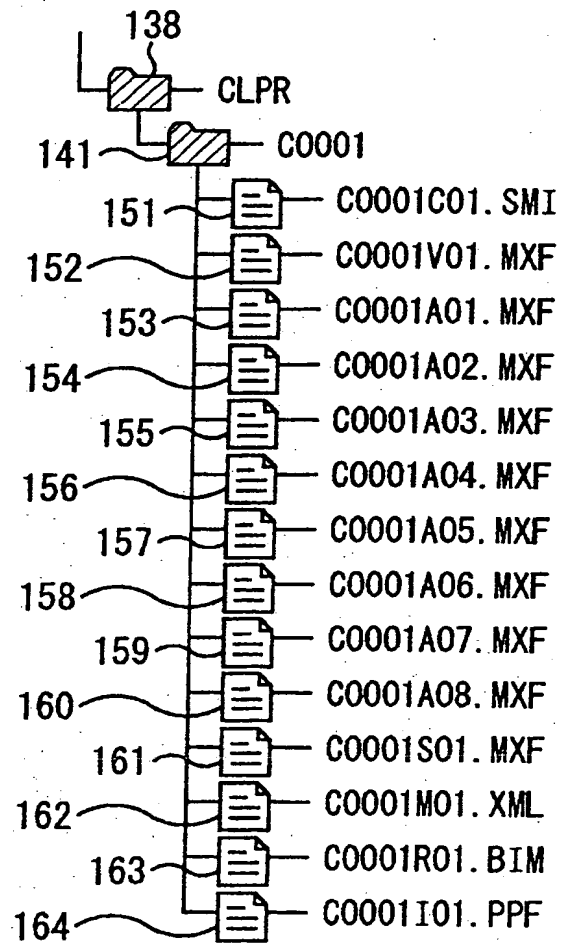


Fig. 7

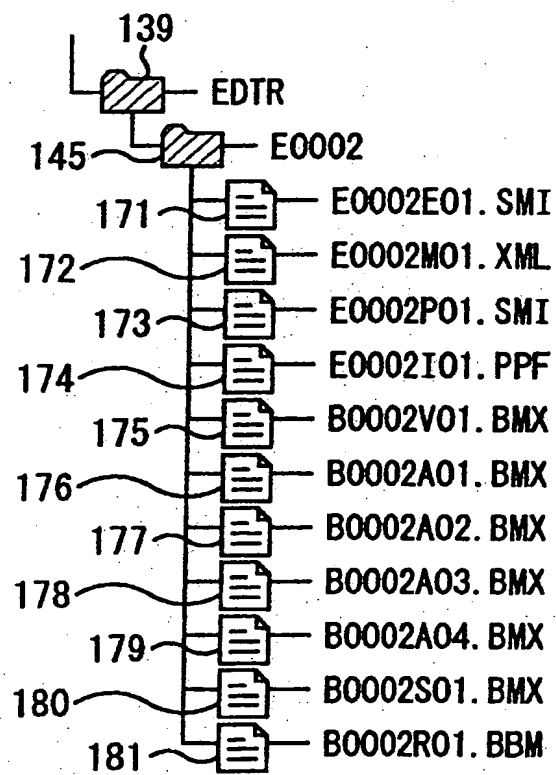


Fig. 8

```
1: <?xml version="1.0" encoding="UTF-8" ?>
2: <indexFile xmlns="urn:schemas-professionalDisc:index:2003"
3:   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4:   xsi:noNamespaceSchemaLocation="index.xsd">
5:   + <clipTable path="/PROAV/CLPR/">
6:   +   + <editListTable path="/PROAV/EDTR/">
7:   + </indexFile>
```


Fig. 9

```
1: <clipTable path="/PROAV/CLPR/">
2:   + <clip id="C0001"
3:     umid="0123456789ABCDEF0123456789ABCDEF0123456789AA"
4:     file="C0001C01.SMI" fps="59.94i" dur="12001" ch="4"
5:     aspectRatio="4:3">
6:   + <clip id="C0002"
7:     umid="0123456789ABCDEF0123456789ABCDEF0123456789AB"
8:     file="C0002C01.SMI" fps="59.94i" dur="4000" ch="4"
9:     aspectRatio="4:3">
10:  + <clip id="C0003"
11:    umid="0123456789ABCDEF0123456789ABCDEF0123456789AC"
12:    file="C0003C01.SMI" fps="59.94i" dur="100000" ch="4"
13:    aspectRatio="4:3">
14:  + <clip id="C0004"
15:    umid="0123456789ABCDEF0123456789ABCDEF0123456789AD"
16:    file="C0004C01.SMI" fps="59.94i" dur="12001" ch="4"
17:    aspectRatio="16:9">
18: </clipTable>
```

Fig. 10

```
1: <clip id="C0001" umid="0123456789ABCDEF0123456789ABCDEF0123456789AA"  
2:   file="C0001C01.SMI" fps="59.94i" dur="12001" ch="4" aspectRatio="4:3">  
3:   <video umid="0123456789ABCDEF0123456789ABCDEF0123456789A1"  
4:     file="C0001V01.MXF" type="DV25_411P"/>  
5:   <audio umid="0123456789ABCDEF0123456789ABCDEF0123456789A2"  
6:     file="C0001A01.MXF" type="LPCM16" cast="CH1"/>  
7:   <audio umid="0123456789ABCDEF0123456789ABCDEF0123456789A3"  
8:     file="C0001A02.MXF" type="LPCM16" cast="CH2"/>  
9:   <audio umid="0123456789ABCDEF0123456789ABCDEF0123456789A4"  
10:    file="C0001A03.MXF" type="LPCM16" cast="CH3"/>  
11:  <audio umid="0123456789ABCDEF0123456789ABCDEF0123456789A5"  
12:    file="C0001A04.MXF" type="LPCM16" cast="CH4"/>  
13:  <subStream umid="0123456789ABCDEF0123456789ABCDEF0123456789A6"  
14:    file="C0001S01.MXF" type="PD-SubStream"/>  
15:  <meta file="C0001M01.XML" type="PD-Meta"/>  
16:  <rtmeta file="C0001R01.BIM" type="std"/>  
17: </clip>
```

Fig. 11

```

1: <editlistTable path="/PROAV/EDIR/">
2:   + <editlist id="E0001"
3:     umid="0123456789ABCDEF0123456789ABCDEF0123456789BB"
4:     file="E0001E01.SMI" dur="500" fps="59.94i" ch="4"
5:     aspectRatio="4:3">
6:   + <editlist id="E0002"
7:     umid="0123456789ABCDEF0123456789ABCDEF0123456789BC"
8:     file="E0002E01.SMI" dur="500" fps="59.94i" ch="4"
9:     aspectRatio="4:3">
10:  + <editlist id="E0003"
11:    umid="0123456789ABCDEF0123456789ABCDEF0123456789BD"
12:    file="E0003E01.SMI" dur="500" fps="59.94i" ch="4"
13:    aspectRatio="4:3">
14:  + <editlist id="E0004"
15:    umid="0123456789ABCDEF0123456789ABCDEF0123456789BE"
16:    file="E0003E01.SMI" dur="500" fps="59.94i" ch="4"
17:    aspectRatio="16:9">
18: </editlistTable>

```

Fig. 12

```
1: <editlist id="E0001"  
2:   umid="0123456789ABCDEF0123456789ABCDEF0123456789B1"  
3:   file="E0001E01.SMI" dur="500" fps="59.94i" ch="4"  
4:   aspectRatio="4:3">  
5:   <playlist file="E0001P01.SMI"/>  
6:   <meta file="E0001M01.XML" type="PD-Meta"/>  
7: </editlist>
```

Fig. 13

```

1: <body>
2:   <par>
3:     <switch>
4:       <!-- main stream -->
5:       <par systemComponent="IMX50">
6:         <video
7:           src="urn:smpte:umid:060A2B3401010501010501010D12130000000123456789ABCDEF0123456789ABCDEF
8:           F" type="IMX50"/>
9:         <audio
10:          src="urn:smpte:umid:060A2B3401010501010501010D12130000000123456789ABCDEF0123456789ABCDEF
11:          0" type="LPCM16" trackDst="CH1"/>
12:         <audio
13:          src="urn:smpte:umid:060A2B3401010501010501010D1213000000023456789ABCDEF0123456789ABCDEF0
14:          1" type="LPCM16" trackDst="CH2"/>
15:         <audio
16:          src="urn:smpte:umid:060A2B3401010501010501010D121300000003456789ABCDEF0123456789ABCDEF01
17:          2" type="LPCM16" trackDst="CH3"/>
18:         <audio
19:          src="urn:smpte:umid:060A2B3401010501010501010D12130000000456789ABCDEF0123456789ABCDEF012
20:          3" type="LPCM16" trackDst="CH4"/>

```

Fig. 14

```

21:      <audio
22:        src="urn:smp:060A2B3401010501010D121300000056789ABCDEF0123456789ABCDEF0123
23:        4" type="LPCM16" trackDst="CH5"/>
24:      <audio
25:        src="urn:smp:060A2B3401010501010D12130000006789ABCDEF0123456789ABCDEF01234
26:        5" type="LPCM16" trackDst="CH6"/>
27:      <audio
28:        src="urn:smp:060A2B3401010501010D1213000000789ABCDEF0123456789ABCDEF012345
29:        6" type="LPCM16" trackDst="CH7"/>
30:      <audio
31:        src="urn:smp:060A2B3401010501010D121300000089ABCDEF0123456789ABCDEF0123456
32:        7" type="LPCM16" trackDst="CH8"/>
33:    </par>
34:    <!-- sub stream -->
35:    <ref
36:      src="urn:smp:060A2B3401010501010D12130000009ABCDEF0123456789ABCDEF01234567
37:      8" type="SubStream" systemComponent="PD-SubStream"/>
38:    </switch>
39:    <!-- realtime meta -->
40:    <metastream src="C0001R01.BIM" type="std"/>
41:  </par>
42: </body>

```

Fig. 15

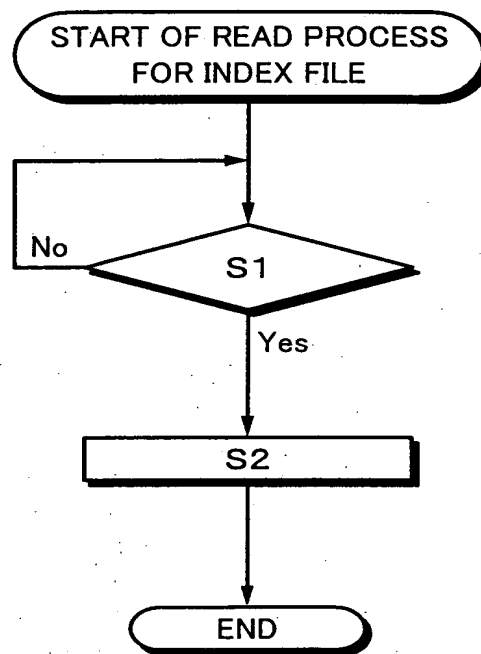


Fig. 16

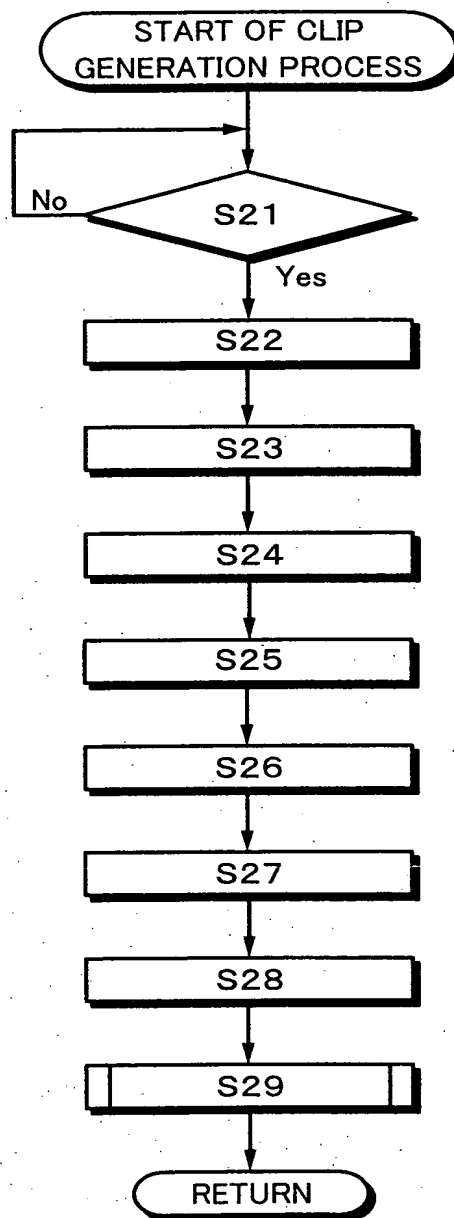


Fig. 17

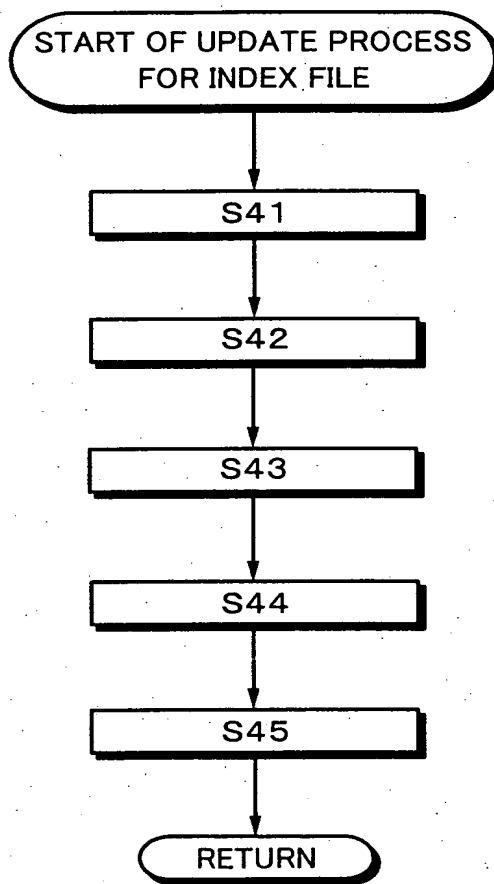


Fig. 18

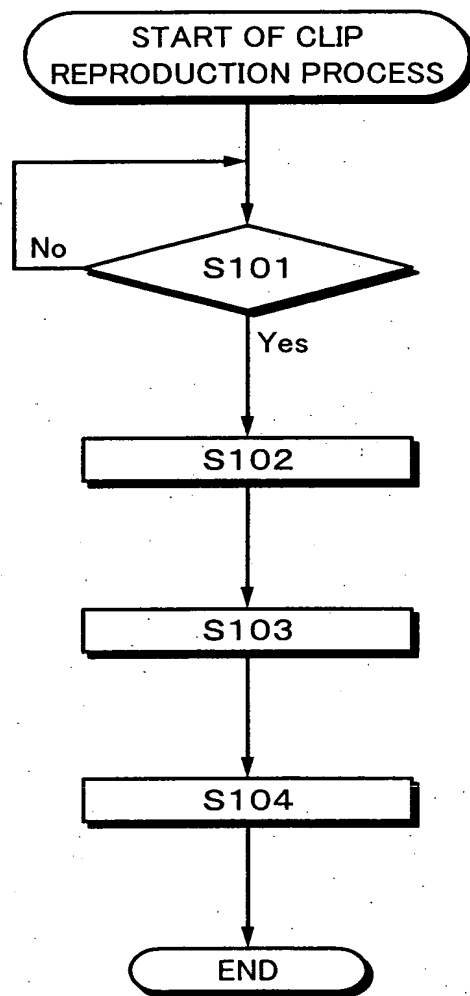


Fig. 19

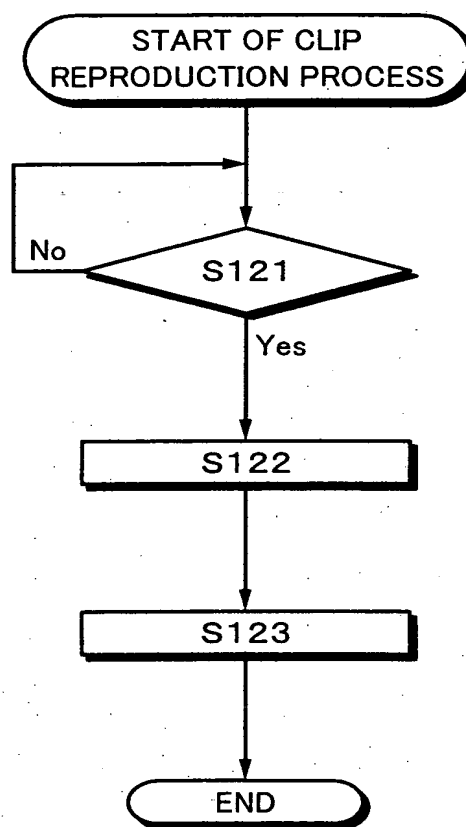
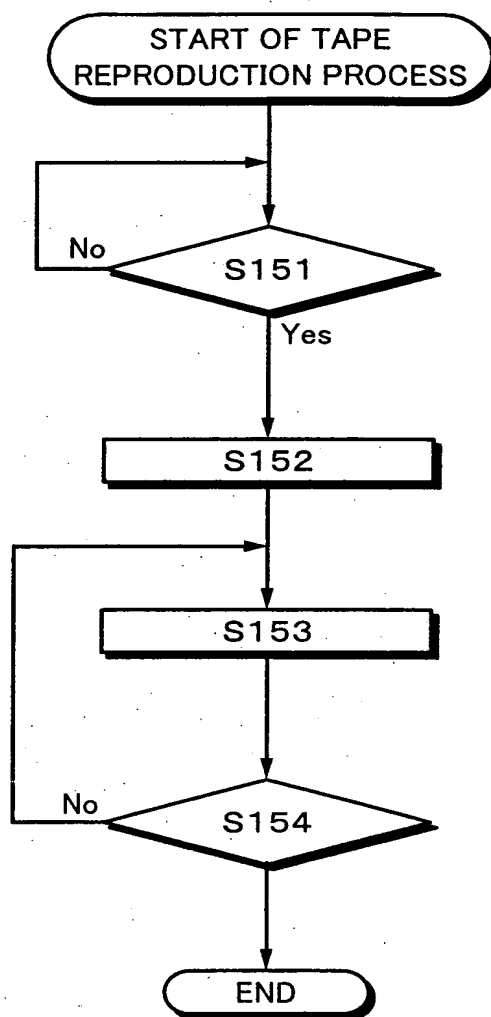


Fig. 20



DESCRIPTION OF REFERENCE NUMERALS

1	VIDEO PROGRAM CREATION SUPPORT SYSTEM
11	PLANNING TERMINAL DEVICE
12	NETWORK
13	NEWS COLLECTION TERMINAL DEVICE
14	PHOTOGRAPHING DEVICE
15	FIELD PC
16	EDITING TERMINAL DEVICE
17	OPTICAL DISC
54	RECORD CONTROL SECTION
55	REPRODUCTION CONTROL SECTION
56	ENCODER/DECODER SECTION
66	DRIVE
101	DATA OBTAINMENT SECTION
102	INFORMATION OBTAINMENT SECTION
103	DATA GENERATION SECTION
104	CLIP GENERATION SECTION
105	INDEX FILE UPDATE SECTION
106	DATA RECORD SECTION
107	TABLE RECORD SECTION
111	CLIP REPRODUCTION SECTION
112	TAPE REPRODUCTION SECTION
113	INDEX FILE INFORMATION OBTAINMENT SECTION
114	CLIP INFORMATION OBTAINMENT SECTION
134	INDEX FILE

151 CLIP INFORMATION FILE

S1 HAS DISC BEEN LOADED ?

S2 READ INDEX FILE.

S21 HAS DATA RECORD START COMMAND BEEN ISSUED ?

S22 OBTAIN PARAMETER INFORMATION.

S23 GENERATE CLIP DIRECTORY.

S24 GENERATE EACH FILE OF ESSENCE DATA.

S25 GENERATE FRAME META DATA FILE.

S26 GENERATE CLIP META DATA FILE.

S27 GENERATE PICTURE POINTER FILE.

S28 GENERATE CLIP INFORMATION FILE ACCORDING TO PARAMETER
INFORMATION.

S29 UPDATE PROCESS FOR INDEX FILE

S41 GENERATE CLIP ELEMENT DESCRIBING UMID AND FILE NAME OF CLIP.

S42 DESCRIBE ATTRIBUTE INFORMATION IN CLIP ELEMENT ACCORDING TO
PARAMETER INFORMATION.

S43 GENERATE CLIP CHILD ELEMENT DESCRIBING UMID AND FILE NAME OF
ESSENCE DATA OF CLIP.

S44 DESCRIBE ATTRIBUTE INFORMATION IN CLIP CHILD ELEMENT ACCORDING
TO PARAMETER INFORMATION.

S45 ADD CLIP ELEMENT AND CLIP CHILD ELEMENT TO CLIP TABLE.

S101 HAS CLIP REPRODUCTION START COMMAND BEEN ISSUED ?

S102 READ DESIGNATED CLIP INFORMATION FILE.

S103 OBTAIN FILE NAME CORRESPONDING TO UMID OF ESSENCE DATA TO BE
REPRODUCED FROM INDEX FILE.

S104 REPRODUCE ESSENCE DATA CORRESPONDING TO OBTAINED FILE NAME.
S121 HAS CLIP REPRODUCTION START COMMAND BEEN ISSUED ?
S122 OBTAIN CLIP ELEMENT FROM CLIP TABLE OF INDEX FILE.
S123 REPRODUCE ESSENCE DATA OF CLIP ELEMENT.
S151 HAS TAPE REPRODUCTION COMMAND BEEN ISSUED ?
S152 OBTAIN CLIP ELEMENT OF CLIP TABLE.
S153 REPRODUCE ESSENCE DATA OF CORRESPONDING CLIP ELEMENT.
S154 HAS PROCESS FOR ALL CLIPS BEEN COMPLETED ?